

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| S1 | 0 | "10519473" | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:14 |
| S2 | 0 | "10519473" | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:14 |
| S3 | 1 | "10/519473" | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:14 |
| S4 | 2 | "20040161657" | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:16 |
| S5 | 163 | "5763113" | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:26 |
| S6 | 1618 | 429/22.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:27 |
| S7 | 1068 | 429/24.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:27 |
| S8 | 781 | 429/25.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:27 |
| S9 | 1057 | 429/23.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:28 |
| S10 | 4125 | 429/34.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:28 |
| S11 | 6756 | S6 or S7 or S8 or S9 or S10 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:28 |
| S12 | 20 | S11 and recirculation and purge valve with nitrogen and ((reactant or fuel) with nitrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:29 |
| S13 | 4 | S11 and recirculation and purge valve with nitrogen and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens \$4 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:32 |
| S14 | 6 | S11 and recirculation and purge valve with (fuel or reactant) and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:39 |

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| S15 | 2 | S14 not S13 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:39 |
| S16 | 7 | S11 and recirculat\$4 and purge valve with (fuel or reactant) and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:40 |
| S17 | 1 | S16 not S14 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:40 |
| S18 | 55 | "6242120" | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:42 |
| S19 | 7 | S11 and recirculat\$4 and purge with valve with (fuel or reactant) and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:57 |
| S20 | 8 | S11 and recirculat\$4 and purge valve and ((reactant or fuel) with nitrogen) and pressure sens\$4 and temperature sens\$4 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:58 |
| S21 | 15 | S11 and recirculat\$4 and purge valve with (reactant or fuel) and pressure sens\$4 and temperature sens\$4 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:58 |
| S22 | 8 | S21 not S19 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 10:58 |
| S23 | 23 | S11 and recirculat\$4 and purg\$4 valve with (reactant or fuel) and pressure near2 (sens \$4 or detect\$4 or measur\$4) and temperature near2 (sens\$4 or detect\$4 or measur\$4) | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 11:00 |
| S24 | 15 | S23 not S22 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 11:00 |
| S25 | 48 | S11 and recirculat\$4 and purg\$4 valve with (reactant or fuel) and controller | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 11:02 |
| S26 | 1618 | 429/22.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:42 |

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| S27 | 1068 | 429/24.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:42 |
| S28 | 781 | 429/25.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:42 |
| S29 | 1057 | 429/23.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:42 |
| S30 | 4125 | 429/34.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:42 |
| S31 | 6756 | S26 or S27 or S28 or S29 or S30 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:42 |
| S32 | 256 | S31 and purge with nitrogen | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:42 |
| S33 | 91 | S32 and recirculat\$5 | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:48 |
| S34 | 28 | S32 and recirculat\$5 with (surplus or unused or left over or leftover or extra or remain\$4) with (fuel or reactant or nitrogen or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 13:59 |
| S35 | 11 | S32 and recirculat\$5 with (unreact\$4) with (fuel or reactant or nitrogen or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/07/31 14:02 |
| S36 | 14 | ((TETSUYA) near2 (KAMIHARA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 10:51 |
| S37 | 11 | "4680240" | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 11:01 |
| S38 | 2 | "2002151116" | JPO; DERWENT | ADJ | ON | 2009/08/03 11:08 |
| S39 | 3 | "2001210342" | JPO; DERWENT | ADJ | ON | 2009/08/03 11:12 |
| S40 | 2 | "2001266922" | JPO; DERWENT | ADJ | ON | 2009/08/03 11:13 |
| S41 | 2 | "2001266922" | US-PGPUB; JPO; DERWENT | ADJ | ON | 2009/08/03 11:13 |

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| S42 | 12 | (US-20050244686-\$ or US-20040161657-\$ or US-20020004157-\$ or US-20030180599-\$ or US-20030148167-\$ or US-20010055707-\$). did. or (US-5763113-\$ or US-5798186-\$ or US-4680240-\$). did. or (JP-2002151116-\$ or JP-2001210342-\$ or JP-2001266922-\$). did. | US-PGPUB; USPAT; DERWENT | ADJ | ON | 2009/08/03 12:27 |
| S43 | 8 | S42 and purge | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 12:27 |
| S44 | 8 | S42 and purg\$5 | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 12:27 |
| S45 | 1618 | 429/22.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 13:05 |
| S46 | 1068 | 429/24.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 13:05 |
| S47 | 781 | 429/25.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 13:05 |
| S48 | 1057 | 429/23.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 13:05 |
| S49 | 4125 | 429/34.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 13:05 |
| S50 | 6756 | S45 or S46 or S47 or S48 or S49 | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 13:05 |
| S51 | 57 | S50 and (recirculat\$5 or recycl\$5) with purg \$4 near3 valve | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 13:05 |
| S52 | 94 | S50 and (recirculat\$5 or recycl\$5) and ejector and sensor | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 14:28 |
| S53 | 32 | S50 and (recirculat\$5 or recycl\$5) and ejector and sensor and pressure regulat\$4 | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 14:34 |
| S54 | 18 | S50 and (recirculat\$5 or recycl\$5) and ejector with pressure sensor | US-PGPUB; USPAT | ADJ | ON | 2009/08/03 14:54 |
| S55 | 1623 | 429/22.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:25 |
| S56 | 1069 | 429/24.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:25 |
| S57 | 781 | 429/25.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:25 |

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| S58 | 1058 | 429/23.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:25 |
| S59 | 4129 | 429/34.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:25 |
| S60 | 6765 | S55 or S56 or S57 or S58 or S59 | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:25 |
| S61 | 931 | S60 and flow rate with pressure | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:25 |
| S62 | 581 | S60 and flow rate with pressure with (fuel or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:26 |
| S63 | 54 | S60 and (flow rate sensor or flow sensor) with pressure with (fuel or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:53 |
| S64 | 66 | S60 and (flow rate) with pressure sensor with (fuel or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 09:56 |
| S65 | 75 | 429/12-46.ccls. and (flow rate) with pressure sensor with (fuel or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 10:00 |
| S66 | 9 | S65 not S64 | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 10:00 |
| S67 | 78 | 429/12-46.ccls. and (flow rate or rate of flow or rate near2 suppl \$4) with pressure sensor with (fuel or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 10:02 |
| S68 | 110 | 429/12-46.ccls. and (flow rate or rate of flow or rate near2 suppl \$4) with pressure (sens \$ or detect\$4 or measur\$4) with (fuel or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 10:03 |
| S69 | 13 | (US-20050244686-\$ or US-20040161657-\$ or US-20020004157-\$ or US-20030180599-\$ or US-20030148167-\$ or US-20010055707-\$). did. or (US-5763113-\$ or US-5798186-\$ or US- 4680240-\$ or US- 6063515-\$).did. or (JP- 2002151116-\$ or JP- 2001210342-\$ or JP- 2001266922-\$).did. | US-PGPUB; USPAT; DERWENT | ADJ | ON | 2009/08/04 11:24 |

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| S70 | 2 | S69 and temperature sens\$4 | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:24 |
| S71 | 1623 | 429/22.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:25 |
| S72 | 1069 | 429/24.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:25 |
| S73 | 781 | 429/25.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:25 |
| S74 | 1058 | 429/23.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:25 |
| S75 | 4129 | 429/34.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:25 |
| S76 | 6765 | S71 or S72 or S73 or S74 or S75 | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:25 |
| S77 | 37 | S76 and (recirculat\$5 or recycl\$5) and ejector and temperature sensor | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:25 |
| S78 | 240 | S76 and (recirculat\$5 or recycl\$5) and temperature sensor with (anode or fuel or hydrogen) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:38 |
| S79 | 8 | S69 and temperature | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 11:45 |
| S80 | 81 | S76 and (recirculat\$5 or recycl\$5) and temperature sensor with (suppl\$4) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 13:23 |
| S81 | 11 | S76 and (recirculat\$5 or recycl\$5) and temperature sensor with purge valve | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 13:34 |
| S82 | 20 | S76 and temperature sensor with purge valve | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 13:35 |
| S83 | 20 | S76 and temperature near2 sensor with purge valve | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 13:35 |
| S84 | 25 | 429/12-46.ccls. and temperature near2 sensor with purge valve | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 13:35 |
| S85 | 385 | 429/12-46.ccls. and temperature near2 sensor with valve | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 13:41 |
| S86 | 1 | "7443651" | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 14:06 |

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| S87 | 501 | S76 and (ammeter or ampmeter or amp meter or current meter or current sensor or current detector) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 14:34 |
| S88 | 118 | S76 and (recirculat\$5 or recycl\$5) and (ammeter or ampmeter or amp meter or current meter or current sensor or current detector) | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 14:41 |
| S89 | 67 | S76 and (recirculat\$5 or recycl\$5) and (ammeter or ampmeter or amp meter or current meter or current sensor or current detector) with control\$5 | US-PGPUB; USPAT | ADJ | ON | 2009/08/04 15:11 |
| S90 | 52 | 429/12-46.ccls. and purge valve with (rate near flow) | US-PGPUB; USPAT | ADJ | ON | 2010/02/23 17:58 |
| S91 | 22 | 429/12-46.ccls. and purge valve with (open \$5 near degree) | US-PGPUB; USPAT | ADJ | ON | 2010/02/23 18:04 |
| S92 | 1 | "1018744" | EPO | ADJ | ON | 2010/02/23 18:07 |
| S93 | 14 | "1018774" | EPO; DERWENT | ADJ | ON | 2010/02/23 18:07 |
| S94 | 0 | "2002022167" | US-PGPUB; USPAT | ADJ | ON | 2010/02/23 18:09 |
| S95 | 20 | "429".clas. and herring. inv. | US-PGPUB; USPAT | ADJ | ON | 2010/02/23 18:09 |
| S96 | 90 | 429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) | US-PGPUB; USPAT | ADJ | ON | 2010/02/23 18:34 |
| S97 | 38 | S96 not S90 | US-PGPUB; USPAT | ADJ | ON | 2010/02/23 18:34 |
| S98 | 27 | S97 not S91 | US-PGPUB; USPAT | ADJ | ON | 2010/02/23 18:34 |

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| S99 | 19 | (US-20050244686-\$ or US-20040161657-\$ or US-20020004157-\$ or US-20030180599-\$ or US-20030148167-\$ or US-20010055707-\$ or US-20020022167-\$ or US-20010014415-\$). did. or (US-5763113-\$ or US-5798186-\$ or US-4680240-\$ or US-6063515-\$ or US-5605770-\$ or US-6383670-\$ or US-6096449-\$). did. or (JP-2002151116-\$ or JP-2001210342-\$ or JP-2001266922-\$ or EP-1018774-\$). did. | US-PGPUB; USPAT; DERWENT | ADJ | ON | 2010/02/24 09:40 |
| S100 | 1 | S99 and nitrogen near3 sensor | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 09:40 |
| S101 | 2 | S99 and flow rate with opening degree | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 10:48 |
| S102 | 52 | 429/12-46.ccls. and purge valve with (rate near flow) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 13:35 |
| S103 | 22 | 429/12-46.ccls. and purge valve with (open \$5 near degree) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 13:35 |
| S104 | 90 | 429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 13:35 |
| S105 | 38 | S104 not S102 | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 13:35 |
| S106 | 27 | S105 not S103 | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 13:35 |
| S107 | 5 | S106 and temperature sensor and pressure sensor | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 13:35 |
| S108 | 45 | 429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5)) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:19 |

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| S109 | 0 | 429/12-46.ccls. and purge with valve nissan.as. | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:26 |
| S110 | 0 | 429/12-46.ccls. and purge and valve nissan. as. and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5)) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:26 |
| S111 | 33 | 429/12-46.ccls. and purge valve and nissan. as. and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5)) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:27 |
| S112 | 31 | 429/12-46.ccls. and purge valve with flow rate and (temperature near3 (detect\$5 or sens \$5)) and (pressure near3 (detect\$5 or sens \$5)) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:27 |
| S113 | 75 | 429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) and ((temperature near3 (detect\$5 or sens \$5)) or (pressure near3 (detect\$5 or sens \$5))) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:33 |
| S114 | 32 | 429/12-46.ccls. and purge with valve with ((open\$5 near degree) or (rate near flow)) and ((temperature near3 (detect\$5 or sens \$5)) or (pressure near3 (detect\$5 or sens \$5))) with (purge with valve) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:34 |
| S115 | 72 | 429/12-46.ccls. and purge with valve with ((open\$5) or (rate near flow)) and ((temperature near3 (detect\$5 or sens\$5)) or (pressure near3 (detect\$5 or sens\$5))) with (purge with valve) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:37 |

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| S116 | 40 | S115 not S114 | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:37 |
| S117 | 4 | S99 and (temperature sensor and pressure sensor) | US-PGPUB; USPAT | ADJ | ON | 2010/02/24 14:47 |

EAST Search History (I nterference)

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